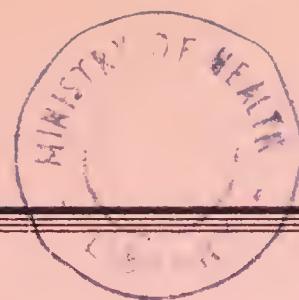


I



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EASINGTON RURAL DISTRICT

REPORT

OF THE

MEDICAL OFFICER

OF HEALTH

FOR THE

YEAR ENDING 31st DECEMBER, 1966

EASINGTON RURAL DISTRICT

REPORT
OF THE
MEDICAL OFFICER
OF HEALTH
FOR THE
YEAR ENDING 31st DECEMBER, 1966



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Vice-Chairman:

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Clerk:

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Treasurer, Accountant and Chief Rating Officer:

E. L. ALLISON, F.I.M.T.A.

Engineer and Surveyor:

R. R. LUMSDEN, Dip.M.Eng.

Cleansing Superintendent:

D. WARD, M.Inst.P.C.

STAFF
(as at 31st December, 1966)

*Medical Officer of Health and
District Principal School Medical Officer:*
J. W. A. RODGERS, M.B., B.Ch., D.P.H.

Assistant Medical Officers:
M. M. COPLAND, M.B., Ch.B., D.P.H. (Mrs.)
G. L. ANDERSON, M.B., B.S.
M. ANDERSON, M.B., B.S. (Mrs.)

School Dental Officers:
G. HAUST, L.D.S.
E. I. S. MAKEPEACE, L.D.S. (Mrs.)

School Oculists: (Part-time)
J. FRANKENTHAL, L.R.C.P., L.R.C.S., D.O.
C. J. SHARP, M.D., Ch.B., D.O.

Senior Public Health Inspector:
R. E. V. WARRAND, Cert.P.H.I.B., M.A.P.H.I., M.R.S.H.

Public Health Inspectors:
J. R. DAY, Cert.P.H.I.B., Cert. M. & O. Foods
P. F. JONES, Cert. P.H.I.B., Cert. M. & O. Foods
D. CARRUTHERS, Cert. P.H.I.B., Cert. M. & O. Foods
I. C. WATSON, Cert. M.R.S.A.S., Cert. M. & O. Foods
N. S. MOHON, M.A.P.H.I., M.R.S.H.
J. K. WALLS, M.A.P.H.I., A.R.S.H.

Public Health Assistant:
J. HARPER

Pupil Public Health Inspectors:
C. JOHNSTON
E. TURNS

Rodent Officer:
C. S. WHITE

Rodent Operatives:
W. MILLS
G. D. TURNER

Mortuary Attendant:
J. SCOTT

District Chief Nursing Officer:

MISS A. HOWARTH, S.R.N., S.C.M., Q.N., H.V. Cert.

Health Visitors:

MISS M. BEATY, S.R.N., S.C.M., H.V. Cert.
 MISS D. HEWISON, S.R.N., S.C.M., H.V. Cert.
 MISS E. HONOUR, S.R.N., S.C.M., H.V. Cert.
 MRS. C. LANDERS, S.R.N., R.S.C.N., H.V. Cert.
 MISS D. LISTER, S.R.N., S.C.M., Q.N., H.V. Cert.
 MRS. M. A. MEECHIN, S.R.N., S.C.M., Q.N., H.V. Cert.
 MRS. N. MILSOM, S.R.N., S.C.M., H.V. Cert.
 MISS I. MORTIMER, S.R.N., S.C.M., H.V. Cert.
 MISS A. SIMPSON, S.R.N., S.C.M., Q.N., H.V. Cert.

District Midwives:

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 MISS M. DALLEN, S.C.M.
 MRS. M. DIXON, S.R.N., S.C.M.
 MISS G. L. HAILES, S.R.N., S.C.M.
 MRS. R. HALL, S.C.M.
 MISS M. G. LINTON, S.R.N., S.C.M., Q.N.
 MRS. H. MARTIN, S.R.N., S.C.M.
 MISS J. ORD, S.E.N., S.C.M.
 MRS. V. SMITHSON, S.E.N., S.C.M.

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 MRS. J. COWAN, S.R.N., N.D.N. Cert.
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 MRS. D. UNSWORTH, S.R.N.

Student Health Visitor:

MRS. D. E. MITCHELL, R.S.C.N., S.R.N.,

School Nurses:

MRS. M. K. BLAKE, S.R.N., R.M.N.

MRS. A. FARNWORTH, S.R.N., Q.N.

MRS. E. F. PENRITH, S.R.N.

MRS. J. TERRINGTON, S.R.N.

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R. HOUGHTON

H. JOHNSON

Home Teachers for the Blind:

MISS I. FOGGIN

MISS E. KELLETT (part-time)

Junior Training Centre Supervisor:

MRS. I. GLEN, Dip. N.A.M.H.

Assistant Supervisors:

MRS. C. WOOD, Dip. N.A.M.H.

MISS J. BRIGGS, Dip. N.A.M.H.

Trainee Assistant Supervisors:

MISS M. J. CARTER

MRS. A. TONKS

Craft Instructor:

W. G. BEDINGFIELD

Domestic Help Service Organisers:

MRS. L. TRUDGILL

MISS J. BARRAS

Chiropodists:

MRS. M. I. HUTCHINSON, M.Ch.S., S.R.Ch., M.R.S.H.

MR. G. R. RAWLINGS, L.Ch., S.R.Ch.

School Dental Surgery Assistants:

MRS. J. MARTIN

MRS. C. S. SMART

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MISS I. LIDDELL

Travelling Clerks:

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MRS. L. COWLEY

EASINGTON RURAL DISTRICT

REPORT

OF THE

Medical Officer of Health

FOR THE

Year Ended 31st December, 1966

Telephone—Easington 501

EASINGTON,
PETERLEE,
Co. DURHAM,
1967.

Mr. Chairman, Ladies and Gentlemen,

I have pleasure in submitting to you the Annual Report on the health and sanitary conditions of your district for the year 1966.

The work accomplished during the year is described in the various sections of the report. The section relating to the activities of the inspectorial staff has been compiled by the Senior Public Health Inspector, and contributions from the Engineer and Surveyor and the Cleansing Superintendent are also included. This introductory letter summarises briefly the contents of the report as a whole and draws attention to any points of special interest.

VITAL STATISTICS

Under this heading figures or rates are given to enable comparison to be made between the health of the inhabitants of the district over recent years and the health of the country as a whole. They include the birth rate, the general death rate, infant mortality rate and the maternal mortality rate.

BIRTH RATE

The district rate of 17.93 per 1,000 of the population showed a decrease on the figure of 19.25 for 1965. It remained slightly higher than the rate of 17.7 for England and Wales as a whole, which was a fractional decrease on the previous year.

GENERAL DEATH RATE

The general death rate of 11.45 per 1,000 of the estimated resident population increased on the 1965 figure of 11.17. The rate for England and Wales, 11.7, was also higher than that of 11.5 for 1965.

INFANT MORTALITY RATE

The rate of 22.67 per 1,000 live births increased on that of 21.86 for the previous year, which was the lowest ever rate recorded in this district. The 1966 rate for England and Wales, 18.9, was the lowest ever national figure.

There were 35 deaths in infants under one year and of these 25 occurred in the first four weeks of life, giving a neonatal mortality rate of 16.19 per 1,000 live births as compared with the 1965 figure of 15.79. In eight of these, prematurity was given as the primary cause of death and in four as contributory. The rate for England and Wales for 1966 was 12.9.

MATERNAL MORTALITY

There were no maternal deaths in the district during the year. One such death was recorded the previous year. The maternal mortality rate for England and Wales was 0.26 per 1,000 total live and still births.

In compiling these statistics for births and deaths the actual number of live births (1,544) and the total deaths in the district (986) have been calculated. The standardised rates may be obtained by multiplying these two rates by the Registrar General's comparability factors of 0.94 in the case of births and 1.25 in the case of deaths.

INDIVIDUAL CAUSES OF DEATH

Perusal of the table giving the chief causes of death will show that heart disease still heads the list with 301 deaths, four more than in 1965 and representing 30.5% of the total deaths in the district. Cancer caused 175 deaths (17.7%) compared with 172 (18%) the previous year. In third place, bronchitis and pneumonia were responsible for 158 deaths (16%) against 169 (17.7%) in 1965. Fourth place in the list is occupied by diseases of the veins and arteries of the brain which caused 138 deaths (14%) an increase of 19 on the figure of 119 (12.4%) for 1965. These four causes, therefore, accounted for 78% of the total deaths.

INFECTIOUS DISEASES

Notification of these diseases are set out in Table 7 which also gives the final figures after correction. Apart from an epidemic of measles during which 1,074 notifications were received, the area generally was quiet throughout the year.

TUBERCULOSIS

The statistics for this disease are shown in the tables and summary of Section III.

The Newcastle Regional Hospital Board's Mass Radiography Unit visited Peterlee for three days between 29th April and 3rd May, 1966, and in October there were public sessions during two days in Haswell and four days in South Hetton.

Individual and small group X-ray is also available at the General Hospital, Chester Road, Sunderland, the Static Unit, 35 Grange Road, Middlesbrough, and the Mass X-ray Unit, Dryburn Hospital, Durham. Particulars of dates and times for these services may be obtained from the Health Department, Easington.

HEALTH AND WELFARE FUNCTIONS

Details of the working of the various services during the year are to be found in Section IV. Particulars relating to the work undertaken at treatment centres and clinics and the activities of the domiciliary midwifery, home nursing and health visiting services are given. Also included are statistical and general details of vaccination and immunisation, prevention of illness, care and after-care, chiropody, domestic help, mental health, blind welfare and handicapped persons.

SCHOOL HEALTH SERVICE

Details of the working of the School Health Service will be found in Section V.

WATER

Piped water supply in the district was sampled weekly during the year. All 50 samples submitted to bacteriological examination were reported as satisfactory. Further details of the district's water supply are given in Section VI.

LABORATORY FACILITIES

Bacteriological testing of throat swabs, faeces and other human specimens is undertaken by the Director and his staff at the Public Health Laboratory, Havelock Hospital, Sunderland. Weekly samples of ice cream, water and milk and occasional samples of meat and other edible products were submitted during the year. 100 faecal specimens from patients known or suspected to be suffering from dysentery or food poisoning were sent for examination and report, and the laboratory also checked 204 specimens in respect of food-handling employees of the Council during the year.

SANITARY CONDITIONS OF THE AREA

Comments and tables to be found in Section VI dealing with the environmental services contain much information of importance and interest. They are contributed by the Senior Public Health Inspector, the Engineer and Surveyor and the Cleansing Superintendent.

STAFF

There were several staff changes during the year. Details of the department's complement at 31st December, 1966, are given in the pages preceding this introductory letter.

CONCLUSION

The vital statistics in the following pages will show that the general health of the district's population varied little from the previous year. In common with the decrease in the national birth rate, the Easington rate fell from 19.25 per 1,000 of the population in 1965 to 17.93. The general death rate for the district increased fractionally on the previous year as did the national rate. While there was a slight decrease in the infant death rate for England and Wales, the district rate of 22.7 was almost one per 1,000 higher than that of 21.8 for 1965, which, incidentally, was the lowest ever recorded for Easington Rural District.

I am again grateful to the Chairman of the Health Committee and to the members and officials of the Council for their co-operation, and my thanks and appreciation are due to the entire Health Department staff for their loyal and willing assistance during another active year.

I am, Mr. Chairman, Ladies and Gentlemen,

Your obedient Servant,

J. W. A. RODGERS,

Medical Officer of Health.

SECTION I.

CONDITIONS OF THE AREA

Area (in acres)	..	..	..	..	..	34,653
Registrar General's estimate of resident population year, 1966	..	..	..	..	..	86,100
Number of Hereditaments on 31st December, 1966 according to the rate books	..	..	..	..	..	33,479
Rateable Value (at 1st April, 1967)	..	..	..	..	..	£2,050,952
Sum represented by Penny Rate (1966-67)	..	..	..	..	..	£7,810

VITAL STATISTICS

Births :—Live Births.

	Male	Female	Total
Legitimate	776	699	1475
Illegitimate	29	40	69
	—	—	—
	805	739	1544
	—	—	—

Birth Rate per 1,000 of the estimated resident population	..	..	..	..	17.93
Illegitimate Live Births per cent of Total Live Births					4.47

Still Births :—

Legitimate	8	9	17
Illegitimate	2	2	4
	—	—	—
	10	11	21
	—	—	—

Rate per 1,000 total live and still births	..	..	13.42
Total Live and Still Births :—			

815	750	1565
-----	-----	------

Infant Mortality :—

Deaths of infants under 1 year :			
Legitimate	19	13	32
Illegitimate	3	—	3
	—	—	—
	22	13	35
	—	—	—

Infant Mortality Rates

Death rate of all infants under one year per 1,000 live births, 22.67.

Death rate of legitimate infants under one year per 1,000 legitimate live births, 21.69.

Death rate of illegitimate infants under one year per 1,000 illegitimate live births, 43.48.

Neonatal Mortality

Deaths of infants under 4 weeks:

	Male	Female	Total
Legitimate	15	7	22
Illegitimate	3	—	3
	—	—	—
	18	7	25
	—	—	—
Death rate per 1,000 live births	..	..	16.19

Early Neonatal Mortality

Deaths of infants under 1 week:

Legitimate	..	12	7	19
Illegitimate	..	2	—	2
	—	—	—	—
	14	7	21	—
	—	—	—	—
Death rate per 1,000 live births	..	..	..	13.60

Perinatal Mortality Rate 26.84

Maternal Deaths

Deaths from Puerperal Causes—

from Sepsis	..	..	Nil.
from Other Causes	..	..	Nil.
	—	—	—
Total	..	..	Nil.
	—	—	—
Maternal Mortality Rate	..	..	..
Total Deaths (all ages)	536	450	986

Death rate per 1,000 of the estimated resident population 11.45

TABLE I. DEATHS—CAUSES AND AGES AT DEATH.

	All Ages	Under 4 weeks	4 weeks- under 1 year	1 to 4	5 to 14	15 to 24	25 to 34	35 to 44	45 to 54	55 to 64	65 to 74	75 up
Tuberculosis, Respiratory	10	—	—	—	—	—	—	—	1	3	3	3
Tuberculosis, Other	2	—	—	—	—	—	—	—	—	1	1	—
Syphilitic Disease	2	—	—	—	—	—	—	—	—	—	—	—
Diphtheria	—	—	—	—	—	—	—	—	—	—	—	—
Whooping Cough	—	—	—	—	—	—	—	—	—	—	—	—
Meningococcal Infections	—	—	—	—	—	—	—	—	—	—	—	—
Acute Poliomyelitis	—	—	—	—	—	—	—	—	—	—	—	—
Measles	—	—	—	—	—	—	—	—	—	—	—	—
Other Infective and Parasitic Diseases	—	—	—	—	—	—	—	—	—	—	—	—
Malignant Neoplasm, Leukaemia, Aleukaemia	175	—	—	—	—	—	—	—	—	—	—	—
Diabetes	9	—	—	—	—	—	—	—	—	—	—	—
Vascular Lesions of Nervous System	138	—	—	—	—	—	—	—	—	—	—	—
Coronary Disease, Angina	225	—	—	—	—	—	—	—	—	—	—	—
Hypertension with Heart Disease	13	—	—	—	—	—	—	—	—	—	—	—
Other Heart Disease	63	—	—	—	—	—	—	—	—	—	—	—
Other Circulatory Disease	37	—	—	—	—	—	—	—	—	—	—	—
Influenza	9	—	—	—	—	—	—	—	—	—	—	—
Pneumonia	83	—	—	—	—	—	—	—	—	—	—	—
Bronchitis	75	—	—	—	—	—	—	—	—	—	—	—
Other Diseases of Respiratory System	11	—	—	—	—	—	—	—	—	—	—	—
Ulcer of Stomach and Duodenum	8	—	—	—	—	—	—	—	—	—	—	—
Gastritis, Enteritis and Diarrhoea	3	—	—	—	—	—	—	—	—	—	—	—
Nephritis and Nephrosis	1	—	—	—	—	—	—	—	—	—	—	—
Hypoplasia of Prostate	6	—	—	—	—	—	—	—	—	—	—	—
Pregnancy, Childbirth, Abortion	—	—	—	—	—	—	—	—	4	2	2	2
Congenital Malformations	12	—	—	—	—	—	—	—	4	1	1	1
Other Defined and Illdefined Diseases	64	—	—	—	—	—	—	—	—	1	1	1
Motor Vehicle Accidents	11	—	—	—	—	—	—	—	—	2	3	2
All Other Accidents	22	—	—	—	—	—	—	—	—	1	1	1
Suicide	5	—	—	—	—	—	—	—	—	—	3	1
Homicide and Operations of War	—	—	—	—	—	—	—	—	—	—	—	—
TOTALS	..	..	..	..	..	..	..	..	..	76	192	288
	986	25	10	2	3	10	8	24	..	..	..	348

TABLE 2.
Cancer.

The following table gives the deaths from Cancer, in age groups, and the localisation of the disease.

	Ages in Years					Totals
	1 to 24	25 to 44	45 to 64	65 to 74	75 up	
Stomach	—	4	12	12	3	31
Lung & Bronchus	—	2	25	12	4	43
Breast	—	2	10	4	1	17
Uterus	—	2	5	5	1	13
Other Causes ..	2	5	26	19	19	71
	2	15	78	52	28	175

TABLE 3.
Table of Birth and Death Rates for the past 10 years

Year	General Death Rate	Infant Death Rate	Birth Rate
1957	9.0	22.5	19.5
1958	10.5	26.3	20.1
1959	10.0	28.1	19.1
1960	10.8	28.3	19.3
1961	10.4	21.9	19.7
1962	11.1	26.6	20.5
1963	10.3	28.8	19.7
1964	10.4	24.4	19.1
1965	11.2	21.8	19.2
1966	11.4	22.7	17.9

1966	General Death Rate	Infant Death Rate	Birth Rate
England & Wales	11.7	18.9	17.7
Easington Rural District	11.4	22.7	17.9

TABLE 4.
Infant Mortality Rates
(10 years)

Year	Births	Easington R. D. Inf. Mortality Rate	England & Wales Inf. Mortality Rate
1957	1647	22.5	23.1
1958	1708	26.3	22.6
1959	1639	28.1	22.2
1960	1663	28.3	21.9
1961	1689	21.9	21.6
1962	1768	26.6	21.6
1963	1699	28.8	21.1
1964	1637	24.4	20.0
1965	1647	21.8	19.0
1966	1544	22.7	18.9

TABLE 5.
Death Rates (10 years)

Year	Deaths	Easington R. D. Death Rate	England & Wales Death Rate
1957	764	9.0	11.5
1958	891	10.5	11.7
1959	863	10.0	11.6
1960	937	10.8	11.5
1961	891	10.4	11.9
1962	957	11.1	11.9
1963	888	10.3	12.2
1964	890	10.4	11.3
1965	956	11.1	11.5
1966	986	11.4	11.7

TABLE 6.
Natural Increase of Population

Year	Births	Deaths	Rate of Natural Increase per 1,000 population.
1957	1647	764	10.5
1958	1708	891	9.6
1959	1639	863	9.0
1960	1663	937	8.4
1961	1689	891	9.3
1962	1768	957	9.4
1963	1699	888	9.4
1964	1637	890	8.7
1965	1647	956	8.1
1966	1544	986	6.5

SUMMARY OF STATISTICS, 1966

Population	..	..	..	..	..	..	86,100
Area (acres)	..	..	..	..	..	..	34,653
Estimated number of Hereditaments							33,479
Rateable Value (at 1st April, 1967)	..	..	..	..	..	..	£2,050,952
Sum produced by Penny Rate (1966-67)	..	..	..	..	..	..	£7,810
Births	..	..	..	..	..	..	1,544
Birth rate per 1,000 of the estimated resident population							17.7
Deaths	..	..	..	..	..	..	986
Death rate per 1,000 of the estimated resident population							11.45
Death rate of infants under one year of age						..	22.67

CHIEF CAUSES OF DEATH

Cause	Number	Percentage of total deaths
Diseases of the heart	301	30.52
Cancer	175	17.74
Bronchitis and pneumonia	158	16.02
Diseases of the veins and arteries of the brain	138	13.99

INFECTIOUS DISEASES

Diseases	Cases notified
Measles	1074
Whooping Cough	32
Scarlet Fever	23
Tuberculosis (all forms) new cases	18
Dysentery	4
Food Poisoning	1
Erysipelas	1
Acute Pneumonia	4
Puerperal Pyrexia	13

SECTION II.

TABLE 7

INFECTIOUS AND OTHER NOTIFIABLE DISEASES, 1966

Numbers Originally Notified TOTAL (ALL AGES) ..	SOARLET FEVER		WHOOPING COUGH		ACUTE POLIOMYELITIS				MEASLES		DIPHTHERIA		DYSENTERY		MENINGOCOCCAL INFECTION		
					PARALYTIC		NON-PARALYTIC										
	M 12	F 11	M 17	F 15	M —	F —	M —	F —	M 567	F 507	M —	F —	M 2	F 2	M —	F —	
Final Numbers after Correction																	
Under 1 year ..	—	—	4	1	—	—	—	—	24	24	—	—	—	—	—	—	—
1 year ..	—	—	2	2	—	—	—	—	71	66	—	—	—	—	—	—	—
2 years ..	1	—	—	—	—	—	—	—	73	68	—	—	—	—	—	—	—
3 years ..	3	1	4	4	—	—	—	—	87	94	—	—	—	—	—	—	—
4 years ..	—	2	3	3	—	—	—	—	85	77	—	—	—	—	—	—	—
5 — 9 years ..	7	7	4	5	—	—	—	—	224	174	—	—	2	1	—	—	—
10 — 14 years ..	1	1	—	—	—	—	—	—	2	3	—	—	—	—	—	—	—
15 — 24 years ..	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—
25 and OVER ..	—	—	—	—	—	—	—	—	—	1	—	—	—	1	—	—	—
TOTAL (ALL AGES) ..	12	11	17	15	—	—	—	—	567	507	—	—	2	2	—	—	—

Numbers Originally Notified TOTAL (ALL AGES) ..	ACUTE PNEUMONIA		SMALLPOX		ACUTE ENCEPHALITIS				TYPHOID FEVER		PARATYPHOID FEVER		ERYSIPelas		FOOD POISONING		
					INFECTIVE		POST-INFECTIOUS										
	M 3	F 1	M —	F —	M —	F —	M —	F —	M —	F —	M —	F —	M —	F 1	M —	F 1	
Final Numbers after Correction																	
Under 5 years ..	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5 — 14 years ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15 — 44 years ..	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
45 — 64 years ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
65 and Over ..	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
TOTAL (ALL AGES) ..	3	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Numbers Originally Notified TOTAL (ALL AGES) ..	TUBERCULOSIS								OTHER NOTIFIABLE DISEASES							
	Respiratory		Meninges and C.N.S.		Other		Total of New Cases coming to the knowledge of Medical Officer of Health otherwise than by formal notification				Original		Final			
	M 10	F 5	M —	F —	M —	F 3	M	F	M	F	M	F	M	F	M	F
Final Numbers after Correction																
Under 1 year ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1 year ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2 — 4 years ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5 — 9 years ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10 — 14 years ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15 — 19 years ..	2	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20 — 24 years ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25 — 34 years ..	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
35 — 44 years ..	—	1	2	—	—	—	—	—	—	—	—	—	—	—	—	—
45 — 54 years ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
55 — 64 years ..	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
65 — 74 years ..	3	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
75 and over ..	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
TOTAL (ALL AGES) ..	10	5	—	—	—	—	—	3	—	—	—	—	—	—	—	—

PUERPERAL PYREXIA			
OPHTHALMIA NEONATORUM		ANTHRAX	
—	—	—	—

INFECTIOUS DISEASES

The main points of interest in Table 7 can be briefly summarised as follows:—

There were 23 cases of scarlet fever notified during the year as compared with 47 in 1965.

Whooping cough notifications numbered 32 against four the previous year.

The district was free from poliomyelitis during 1966.

Measles notifications totalled 1,074 compared with 886 in 1965.

For the eleventh successive year there were no cases of diphtheria in the district.

Four notifications of dysentery were received and these were confirmed on bacteriological examination. There were no confirmed cases of this disease in 1965.

No cases of meningococcal infection were notified during the year.

Four notifications of acute pneumonia were received, the same number as for 1965.

The only case of food poisoning notified was found to be not confirmed on bacteriological examination.

SECTION III.

TUBERCULOSIS

TABLE 8.

Number of Cases on Register at 31st December, 1966.

PULMONARY			NON-PULMONARY			TOTAL CASES	
Male	Female	Total	Male	Female	Total	Total	Total
274	230	504	154	147	301	301	805

TABLE 9.

New Cases and Mortality, 1966

Age Periods	NEW CASES						DEATHS					
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary		Male		Female	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Under 5 years	—	—	—	—	—	—	—	—	—	—	—	—
5 — 14 years	—	—	—	—	—	—	—	—	—	—	—	—
15 — 24 years	2	—	—	1	—	—	—	—	—	—	—	—
25 — 44 years	2	2	—	—	—	—	—	—	—	1	1	—
45 — 64 years	2	—	—	2	—	—	4	1	1	1	—	—
65 and over	4	1	—	—	—	—	4	1	—	—	—	—
	10	5	—	3	8	2	—	2	—	—	—	—

TABLE 10
COMPARATIVE TUBERCULOSIS STATISTICS FOR RECENT YEARS

YEAR	NEW CASES						DEATHS						No. ON REGISTER AT END OF YEAR					
	Pulmonary			Non-Pulmonary			Pulmonary			Non-Pulmonary			Pulmonary			Non-Pulmonary		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
1957	27	15	42	1	1	2	9	2	11	1	—	1	326	290	616	159	148	307
1958	22	14	36	2	1	3	6	1	7	—	—	—	323	279	602	160	147	307
1959	20	9	29	—	—	—	8	2	10	1	—	1	324	264	588	155	146	301
1960	17	15	32	2	1	3	8	1	9	—	1	1	317	252	569	155	146	301
1961	22	16	38	1	2	3	6	2	8	1	—	1	322	264	586	156	145	301
1962	13	11	24	3	2	5	5	—	5	—	—	—	305	253	558	155	145	300
1963	15	12	27	1	3	4	8	1	9	—	—	—	304	258	562	154	143	297
1964	16	6	22	3	1	4	7	1	8	—	—	—	285	245	530	157	144	301
1965	9	7	16	1	3	4	6	1	7	—	—	—	283	241	524	157	146	303
1966	10	5	15	—	3	3	8	2	10	2	—	2	274	230	504	154	147	301

TABLE 11

The following Table shows the number of deaths from Tuberculosis (all ages) during the past five years—the figures in parenthesis indicating deaths occurring in previously notified cases of Tuberculosis.

YEAR	PULMONARY			NON-PULMONARY		
	Male	Female	Total	Male	Female	Total
1962	5 (3)	—	5 (3)	—	—	—
1963	8 (5)	1 (1)	9 (6)	—	—	—
1964	7 (7)	1 (1)	8 (8)	—	—	—
1965	6 (5)	1 (1)	7 (6)	—	—	—
1966	8 (4)	2 (2)	10 (6)	2 (1)	—	2 (1)
Totals	34 (24)	5 (5)	39 (29)	2 (1)	—	2 (1)

TUBERCULOSIS

The foregoing tables may be summarised as follows:—

Fifteen new cases of the respiratory form of the disease were notified during the year, comprising 10 males and five females. This was a decrease of one on the figure of 16 for 1965, made up of nine males and five females. There were three new notifications of the non-respiratory form during the year, all female.

Deaths from the respiratory form increased from seven in 1965 to 10, eight males and two females. There were two non-respiratory deaths, both males.

The district mortality rate for respiratory tuberculosis was 0.116 per one thousand of the population compared with the figure of 0.043 for England and Wales as a whole. The non-respiratory rate for the district was 0.002 and the national rate 0.005.

SECTION IV.

NATIONAL HEALTH SERVICE ACT, 1946

HEALTH AND WELFARE

HEALTH CENTRES:—

The Health Centre at Peterlee continues to operate satisfactorily. The four suites used by the general practitioners are shared by eight partnerships and plans have been approved for an extension to be built on to these suites, which should be completed early in 1967.

Also available at the Health Centre are:—Child Welfare, Immunisation and Vaccination, Artificial Sunlight, Family Planning, Chiropody, Cervical Cytology, School Clinic, Dental, Speech Therapy Child Guidance and Ophthalmic services.

CARE OF MOTHERS AND YOUNG CHILDREN:—

MATERNITY AND CHILD WELFARE CENTRES

The number of centres in operation remains at 10, 8 of which are held in premises owned by the Council, and two in premises on a rental basis. The total number of attendances in 1966 was 16,407 made by 3,362 children, compared to 16,591 and 3,155 children in 1965. Table 12 gives details.

ANTE-NATAL CLINICS

Special ante-natal clinics were discontinued during the year, but advice is given at all child welfare centres. In 1966, one expectant mother made one attendance compared with 19 expectant mothers and 50 attendances in 1965.

HEALTH EDUCATION AND RELAXATION CLASSES

Classes were held at four centres during the year. Instructions in exercises, talks on pregnancy, labour and baby care were given by Health Visitors and Midwives to expectant mothers. These talks were illustrated by the use of film strips and films.

A total of 90 expectant mothers took part and made 292 attendances, compared with 87 expectant mothers and 341 attendances in 1965.

TABLE 12
Attendances at Child Welfare Centres during year ended 31st December, 1966.

CENTRES	No. on books 31.12.66	Attendances		Consultations		Average per session	
		Number		Number			
		Children	Children	Children	Children		
BLACKHALL	—	43	59	71	—	Under 1 year
EASINGTON	—	114	122	126	—	Between 1 - 2 years
HORDEN	—	127	134	175	—	Between 2 - 5 years
MURTON	1	117	119	140	1	Expectant Mothers
PETERLEE	—	349	318	255	—	Expectant Mothers
SHOTTON	—	86	102	142	—	Expectant Mothers
SOUTH HETTON	—	33	47	72	—	Expectant Mothers
THORNLEY	—	45	49	45	—	Expectant Mothers
WHEATLEY HILL	—	66	70	39	—	Expectant Mothers
WINGATE	—	97	73	127	—	Expectant Mothers
TOTALS	1077	1093	1192	1	11535	25742298
					14	4	3
					17258	16951475	—
					11	3	2

TABLE 13
Health Education and Relaxation Classes

CLINIC	No. on books	Attendances	Average Attendance per session
Easington	14	24	1
Murton	21	80	4
Pertelee	45	176	9
Wheatley Hill	10	12	1
TOTAL	90	292	4

Birth Control Clinics

Sessions were held at two centres during the year and 128 mothers made 322 attendances compared to 84 mothers and 253 attendances in 1965.

TABLE 14
Birth Control Clinics

Clinic	No. on Books	Attendances
MURTON	71	170
PETERLEE	57	152
TOTAL	128	322

ARTIFICIAL SUNLIGHT CLINICS

The number of centres that used Ultra-Violet ray lamps during the year was five, attended by 615 children compared with 1,094 in 1965.

TABLE 15.
Artificial Sunlight Clinics

CLINIC	No. on books	Attendances	Average Attendance per session	No. of sessions held
WHEATLEY HILL	1	8	1	8
HORDEN	17	234	2	99
MURTON	11	126	1	102
PETERLEE	19	244	3	93
WINGATE	1	3	—	9
TOTALS	49	615	1	311

TABLE 16
FORMS OF DENTAL TREATMENT PROVIDED

DENTAL CARE

Dental treatment for expectant mothers and young children was available at the following centres:—

PETERLEE—as required

WINGATE —as required

MURTON — as required

WELFARE FOODS

Welfare foods are obtainable from 10 centres throughout the district. Members of voluntary committees at five of these centres accept the responsibility for both the distribution and clerical work in connection with this scheme.

The following statement shows the amount of welfare foods issued during the year with comparative figures for 1965.

		1965	1966
National Dried Milk (tins)	.. ..	7,374	4,300
Orange Juice (bottles)	.. ..	12,183	13,391
Cod Liver Oil (bottles)	.. ..	1,837	1,694
Vitamin Tablets (packets)	.. ..	836	811

CONVALESCENT HOLIDAYS – MOTHER AND YOUNG CHILDREN

Applications are made by Assistant Welfare Medical Officer and Health Visitors in respect of mothers who need a period of convalescence. After investigation, these applications are passed on to Durham County Health Department, who administer the E. F. Peile Home, Shotley Bridge. During the year, three mothers, five babies and seven children were admitted from this district.

Premature Births - 1966

1. No. of premature live births notified (as adjusted by transferred notifications)

(a) In hospital	..	..	..	..	..	75
(b) At home	..	..	..	..	..	5
(c) In Private Nursing Homes	..	..	..	..	..	—
						80
						—

2. No. of premature still births notified (as adjusted by transferred notifications)

(a) In hospital	..	..	..	..	..	11
(b) At home	..	..	..	..	..	—
(c) In Private Nursing Homes	..	..	..	..	..	—
						11
						—

WEIGHT AT BIRTH	PREMATURE LIVE BIRTHS						Born	
	Born at Home or in a Nursing Home			Transferred to hospital on or before 28th day				
	Born in hospital	Nursed entirely at home or in a Nursing Home	Died	Within 24 hrs. of birth	In 1 & under 7 days	In 7 & under 28 days		
Total Births			Total Births	Within 24 hrs. of birth	In 1 & under 7 days	In 7 & under 28 days		
2 lb. 3 oz. or less	5	5	—	—	—	—	—	
Over 2 lb. 3 oz. up to and including 3 lb. 4 oz.	1	1	—	—	—	—	2	
Over 3 lb. 4 oz. up to and including 4 lb. 6 oz.	16	3	1	—	—	—	—	
Over 4 lb. 6 oz. up to and including 4 lb. 15 oz.	15	1	—	—	—	—	3	
Over 4 lb. 15 oz. up to and including 5 lb. 8 oz.	38	1	1	—	—	—	2	
TOTAL	75	11	2	—	—	—	11	

DOMICILIARY MIDWIFERY

The following number of midwives gave notice of intention to practice in Easington Rural District during the year:—

District Midwives	..	..	..	13
District Nurse – Midwives	..	..	—
Midwives in Hospital	..	..	..	18
Midwives in private practice	..	..	—

At the end of the year 9 District Midwives were employed against an establishment of 16 district midwives and one district nurse midwife. Car allowances were paid to 7 midwives who used their own cars on duty.

Instruction in domiciliary midwifery was given to two pupil midwives, from the training school at Thorpe Maternity Hospital, Easington by two teaching midwives. All pupils were successful in passing the Central Midwives Board examination.

Staff meetings were held in the Council Offices at monthly intervals.

During the year midwives requisitioned medical help on 201 occasions, and the following statement gives particulars as to the reasons for so doing:—

1. Ante-natal examination – general	..	..	..	..	21
2. Ante-natal examination – albuminuria	..	..	..	..	11
3. Threatened miscarriage	..	..	..	..	1
4. Miscarriage	..	..	..	..	1
5. Contracted pelvis, disproportion between child and pelvic outlet	..	..	..	..	—
6. Malpresentation	..	..	..	..	4
7. Ante-partum haemorrhage	..	..	..	..	8
8. Placenta praevia	..	..	..	..	—
9. Prolonged or delayed labour, uterine inertia	..	..	..	..	26
10. Post-partum haemorrhage	..	..	..	..	8
11. Retained for adherent placenta or membranes	..	..	..	..	5
12. Ruptured perineum	..	..	..	..	49
13. Premature birth	..	..	..	..	8
14. Puerperal Pyrexia	..	..	..	..	6
15. Other Conditions of mother	..	..	..	..	11
16. Inflammation of child's eyes	..	..	..	..	10
17. Congenital malformation	..	..	..	..	1

18. Other conditions of baby	..	..	..	..	..	30
19. Stillbirth	..	..	..	..	..	1
20. Neonatal death	..	..	..	..	..	—
21. Other reasons	..	..	..	..	..	—

In addition to the notifications of sending for medical help, the following notifications were received from midwives:—

Stillbirths ..	..	..	..	..	1
Death of mother ..	..	..	..	..	—
Death of child ..	..	..	..	..	2
Laying out the dead ..	..	..	..	..	3
Liability to be a source of infection ..	..	..	..	..	5

TABLE 18
Number of Deliveries attended by Domiciliary Midwives
during the Year

	Dr. not booked		Dr. booked		Total	Discharge from Hospital before 10th day
	Dr. present	Dr. not present	Dr. present	Dr. not present		
District Mid- wives	1	3	20	417	441	623

HOME NURSING

At the end of 1966, 15 District Nurses were employed. A further two nurses were employed on relief work during the year. Thirteen nurses were authorised car users at the end of the year. Two nurses attended training schools for district training during the year and were successful in passing the examination. They were awarded the National Certificate of District Nursing.

TABLE 19
HOME NURSING STATISTICS - 1966

YEAR	STAFF		GENERAL MEDICAL		GENERAL SURGICAL		INFECTIOUS DISEASES		TUBERCULOSIS		MATERNAL COMPLICATIONS		OTHERS		TOTAL	
	Whole-time	Part time	Cases	Visits	Cases	Visits	Cases	Visits	Cases	Visits	Cases	Visits	Cases	Visits	Cases	Visits
1965	14	—	1704	35822	433	8572	3	15	37	1900	55	479	—	—	2232	46788
1966	15	—	1764	37270	359	8984	—	—	32	1813	33	289	—	—	2188	48356

TABLE 20

YEAR	Patients included in above table who were under 5 at the time of the first visit during the year.			Children included in above table who were under 5 at the time of the first visit during the year.			Patients included in above table who had more than 24 visits during the year.		
	Cases	Visits	Cases	Visits	Cases	Visits	Cases	Visits	
1965	759	24421	111	873	416	28977			
1966	879	26805	109	860	390	30037			

HEALTH VISITORS

Summary of work done during the year ended 31st December, 1966

DOMICILIARY VISITS

Maternity and Child Welfare:—

Ante-natal	First visits	..	..	..	..	588
	Re-visits	..	..	..	..	164
Births—	1st Visits	..	..	..	..	1894
	Re-visits to children under 1 year				..	4730
	Re-visits to children 1 – 2 years	..			..	2305
	Re-visits to children 2 – 3 years	..			..	2309
	Re-visits to children 3 – 4 years	..			..	2067
	Re-visits to children 4 – 5 years	..			..	2059
	Re-visits to children 5 – 6 years	..			..	—
Other visits		..	..	..	..	229
					TOTAL ..	16345

Tuberculosis:—

First visits	..	..	..	..	..	..	97
Re-visits	..	..	..	..	..	..	485
Other visits	..	..	..	..	..	..	—
					TOTAL ..		582

SCHOOL WORK

School children (Home visits)	..	..	..	..	..	..	284
School children (School visits)	..	..	..	..	..	..	188
					TOTAL ..		472

GENERAL HEALTH

Visits paid	..	..	..	..	..	..	787

Mental sub-normality:—

Visits paid to Mentally Sub-normal persons	..	..	..	..	..	..	204

Old people	..	..	..	..	..	..	1829

Myopia	..	..	..	..	..	..	—

Summary:—

Ineffective visits	4970
Total number of visits	25189
No. of effective visits	20219
Time (as days) spent on visits	1383
Average daily number of effective visits per Health Visitor	15

CLINIC, ETC., WORK

Time as days spent:—

(a) at maternity and child welfare centres	573
(b) at chest clinics and contact sessions	49
(c) at school head to head inspections	12
(d) at school clinics	—
(e) conducting children to special schools	—
(f) assisting with school medical inspection	—
(g) at nursery schools	4
(h) at Poliomyelitis Vaccination Sessions	—
(i) at B.C.G. Examinations	23

INFLAMMATION OF THE EYES

Number of cases	42
Number of visits	80

Treatment

No. treated by own doctor	41
No. treated by own doctor and District Nurse	—
Special Treatment	—
TOTAL ..	41

Hospital Treatment

In patient	—
Out patient	1
TOTAL ..	1

Results

Vision unimpaired	42
Under treatment at the end of the year	—
TOTAL ..	42

At the end of the year the Health Visitor staff numbered nine as against an establishment of 15. Seven Health Visitors were paid car allowances at the end of the year.

VACCINATION AND IMMUNISATION

SMALLPOX, DIPHTHERIA, WHOOPING COUGH AND TETANUS

Propaganda leaflets, drawing attention to the need for children to be protected against these diseases are sent to parents when their children attain the age of three months. All leaflets give details of facilities available for vaccination and immunisation in the area.

Vaccinations and Immunisations are carried out by general practitioners at surgeries, assistant welfare medical officers at child welfare centres and by school medical officers in schools.

Tables 21 to 25 give details of the numbers vaccinated and immunised during the year.

POLIOMYELITIS VACCINATION

Vaccination against Poliomyelitis continued during the year. Table 21 gives details.

TABLE 21

POLIOMYELITIS VACCINATION

Type of Vaccine	Number of Persons who have received a primary course of vaccination								No. of Persons who have received reinforcing dose
	Born 1966	Born 1965	Born 1964	Born 1963	Born 1959-62	Born 1951-58	Others	Total	
SALK	—	—	—	—	3	3	—	6	3
SABIN	147	749	128	75	219	63	1743	3124	1780
QUADRUPLE	8	47	13	2	9	—	—	79	23
TOTAL	155	796	141	77	231	66	1743	3209	1806

TABLE 22
SMALLPOX VACCINATION

AGE	0-3 months	3-6 months	6-9 months	9-12 months	1 year	2-4 years	5-14 years	15 + years	TOTAL
No. VACCINATED	3	17	22	26	333	67	15	133	616
No. RE-VACCINATED	—	—	—	—	—	1	9	214	224

TABLE 23
TETANUS IMMUNISATION

Number of Persons who have received a primary course of Immunisation, either singly or in combination during the year				Number who have received reinforcing Injection		
Born 1966	Born 1965	Born 1964	Born 1963	Born 1959-62	Others	TOTAL
410	749	105	49	893	19	2225
						1501

TABLE 24
DIPHTHERIA IMMUNISATION

Live Births Registered	No. of children who had completed a full course of immunisation at any time up to 31st December, 1966	No. of Persons who have received a primary course of immunisation either singly or in combination				No. who Received Reinforcing Injection	
		Under 5	5-15	Under 5	5-15	TOTAL	
1965	1966						
1647	1544	5297	11117	1365	546	1911	1187

TABLE 25
WHOOPING COUGH IMMUNISATION

Under 1 year	No. of persons who have received a primary course of immunisation either singly or in combination			No. who have Received Reinforcing Injection
	1 - 4 years	5 - 15 years	TOTAL	
410	950	91	1451	511

PREVENTION OF ILLNESS, CARE AND AFTER CARE

B.C.G. VACCINATION

Tuberculin testing and vaccination of school children aged 11 years and upwards was carried out during the year, and 872 were skin tested, 766 were found to be tuberculin positive and were vaccinated. In addition to this, 1,232 school entrants were skin tested and 25 were found to be tuberculin positive and referred to a chest physician for further investigation.

CERVICAL CYTOLOGY

Weekly sessions were held at the Health Centre, Peterlee, during the year, the details are as follows:—

No. of sessions held	..	..	..	..	67
No. of smears taken	..	..	..	..	1,647
No. of repeat smears	..	..	..	..	31
No. of positive cases	..	..	..	..	7
No. of smears from persons resident outside Administrative County Area			..	..	7

CONVALESCENT HOMES

During the year arrangements were made, on medical recommendation, for the admission of patients to the following homes:—

The Metcalfe Smith House, Harrogate	..	..	1
The Rose Joicey Home, Whitburn	..	..	3

In each instance the Council was responsible for the payment of full maintenance charges.

NURSING EQUIPMENT

A store of articles for loan is maintained in the Health Department and issues are made on the recommendation of doctors, nurses and almoners. As from 1st November, 1966, it was decided that no charge should be made for the equipment loaned by the Council. During the year 819 issues were made, compared with 552 in 1965. Table 26 gives details.

INCONTINENCE PADS

Disposable incontinence pads are provided for carefully selected patients and during the year 1,800 pads were issued.

TABLE 26 - Equipment Loaned during 1966

Articles	No.	Articles	No.
Air Rings ..	42	Invalid Chairs, Adult ..	42
Bathmats ..	9	Invalid Chairs, Junior	17
Bath Safety Rails ..	3	Lifting Poles ..	3
Bath Seats ..	9	Plastic Sheets ..	55
Bedcages ..	39	Patient Lifters ..	3
Bedpans ..	100	Rubber Sheets ..	62
Bedrests ..	90	Sorbo Mattresses ..	36
Bedsteads ..	15	Sorbo Rings ..	25
Bed Tables ..	2	Sorbo Squares ..	25
Commodes ..	93	Toilet Seat - Inflatable	1
Cots, Adult ..	2	Toilet Aid ..	1
Crutches ..	24	Tripod Sticks ..	35
Crutches, Elbow ..	1	Urinals, Male ..	51
Eneuresis Sets ..	18	Urinals, Female ..	1
Fracture Boards ..	3	Walking Aids ..	7
	sets	Walking Sticks ..	5

CHIROPODY

The chiropody service was continued during the year. Regular sessions are held at child welfare centres but domiciliary visits are arranged for persons who cannot travel. The service is for persons of pensionable age only and no charge is made. Table 27 gives details of treatments.

TABLE 27
Chiropody Service

CENTRE			No. of treatments
Horden ..	..	..	363
Murton ..	..	..	414
Easington ..	..	..	420
Peterlee ..	..	..	425
Thornley ..	..	..	228
Wingate ..	..	..	417
Shotton ..	..	..	284
Deaf Hill ..	..	..	196
Wheatley Hill ..	..	..	207
			2954
Domiciliary Treatment ..	..	..	1157
			4111

DOMESTIC HELP SERVICE

The district is supervised by two Domestic Help Organisers who engage, and place Domestic Helps and investigate all applications for help.

CHARGES AND REMUNERATION:—

The fee for the service is 5/10d. per hour, but the amount payable may be reduced in accordance with the scale of charges which takes into account the ability of the family or individual to pay.

The following is a summary of work accomplished during 1966:—

No. of cases provided with domestic help during the period	..	..	735
Chronic sick (including aged and infirm) ..	..	..	5
Maternity (including expectant mothers) ..	..	..	—
Tuberculosis .. .. .. ..	..	..	—
			740
			—
No. of cases attended 1st January, 1966 ..	..	..	597
*No. of new cases during the year ..	..	..	143
No. of cases terminated during the year ..	..	..	149
No. of cases attended 31st December, 1966 ..	..	..	591
No. of cases on waiting list at 31st December, 1966 ..	..	..	38
No. of visits paid by organisers .. .. .. ..	..	..	5658
No. of Domestic Helps employed at the end of the year ..	..	..	319

*Including 39 cases which ceased and recommenced later in the year.

MENTAL HEALTH SERVICE

STAFF

Mental Welfare Officers	3
Training Centres – Supervisors	1
Assistant Supervisors	2
Trainee Assistant Supervisors	2
Craft Instructors (Male)	1

One Mental Welfare Officer is at present on a course of study for the Diploma of Social Studies at the Newcastle College of Commerce.

ACCOUNT OF WORK UNDERTAKEN IN THE COMMUNITY

HOSPITAL ADMISSIONS

TABLE 28

HOSPITAL	Sect. 25	Sect. 26	Sect. 29	Sect. 60	Inform.	Temp.	TOTAL
MENTALLY ILL							
General, Hartlepool	—	—	5	—	4	—	9
Winterton, Sedgefield	1	—	45	—	14	—	60
Cherry Knowle, Ryhope	1	—	2	—	1	—	4
Total	2	—	52	—	19	—	73
MENTALLY SUB-NORMAL							
Aycliffe	—	—	—	—	2	1	3
TOTAL	—	—	—	—	2	1	3

ASCERTAINMENT

Cases of mental subnormality are notified by School Medical Officers, Assistant Welfare Medical Officers, Health Visitors and Social Workers. Under the provisions of the Education Act, 1944, the Local Education Authority notified, under section 57 of the above Act, six female children as unsuitable for education at school.

At the end of the year there were 361 mentally sub-normal persons on the register, 23 of these being added during the year, compared with six in 1965.

The supervision of mentally subnormal persons is carried out by Mental Welfare Officers mainly, although Health Visitors visit a number of younger children. During the year a total of 2,110 visits were made, 204 of these by Health Visitors.

TRAINING CENTRES

The Junior Training Centre, Easington, continued to operate satisfactorily during the year and on 31st December, 1966, 46 children and 12 adults were in attendance. Work commenced on a purpose-built Adult Training Centre which will be completed during 1967.

NATIONAL ASSISTANCE ACT, 1948
WELFARE OF THE BLIND AND PARTIALLY-SIGHTED

REGISTER AND REGISTRATION OF BLIND PERSONS

The number of blind persons on the register at 31st December, 1966, was 150, an increase of seven during the year. Table 29 gives details.

TABLE 29
Blind Population according to Age and Sex

	1 and under	2-4	5-10	11-15	16-20	21-29	30-39	40-49	50-59	60-64	65-69	70-79	80 & over	TOTAL
M	—	—	2	3	1	4	5	4	8	2	3	16	11	59
F	—	—	—	—	1	—	3	6	11	9	6	29	26	91
TOTAL	—	—	2	3	2	4	8	10	19	11	9	45	37	150

During this period 36 blind persons were added to the register and 29 either died or left the district.

Four part-time ophthalmologists examined 60 cases referred to them. These cases were classified as follows:—

First Examination

No. certified blind	27
No. certified partially-sighted	14
No. certified not blind	13
—	—
	54

Re-examinations

No. certified blind	5
No. certified partially-sighted	1
No. certified not blind	—
—	—
	6

REGISTRATION OF PARTIALLY-SIGHTED

The number of partially-sighted persons on the Council's register on 31st December, 1966, was 30 compared to 24 in 1965. Table 30 gives details.

TABLE 30
Partially-sighted Persons according to Age and Sex

	0-1	2-4	5-15	16-20	21-49	50-64	65 and over	TOTAL
M	—	—	5	1	3	2	6	17
F	—	—	4	1	—	3	5	13
TOTAL	—	—	9	2	3	5	11	30

The following table gives further information regarding the recommendations and action taken in relation to blind and partially-sighted persons registered during the year.

TABLE 31

	Cause of Disability		
	Cataract	Glaucoma	Misc.
(1) No. of cases registered during the year in respect of which			
(a) No treatment was recommended:—			
Blind	5	1	21
Partially-sighted ..	—	—	2
(b) Treatment recommended (Medical, Surgical or Optical)			
Blind	2	—	3
Partially-sighted ..	1	—	12
(2) No. of cases at 1 (b) who later received treatment			
Blind	—	—	—
Partially-sighted ..	—	—	—

In all cases of cataract, glaucoma or any other disability the patient's private doctor is informed of the findings and recommendations of the Ophthalmologist.

EMPLOYMENT

The following information relates to trained blind persons in employment at the end of the year.

	Institution Workers
Royal Institution for the Blind, Sunderland ..	1
Hartlepool Workshops for the Blind, Hartlepool ..	1

HOME TEACHING SERVICE

One home teacher is employed by this Authority, and one employed by Durham County Council spends part of her time visiting in the Easington area. Each of the teachers visits blind persons regularly and holds classes for teaching handicrafts.

TALKING BOOK MACHINES

In 1965, the Health Committee agreed to be responsible for the payment of annual rentals in respect of the loan of talking book machines and at the end of the year 11 blind persons were using them.

WELFARE OF THE PHYSICALLY HANDICAPPED

At the end of the year there were 138 males and 96 females on the register, an increase of two during the year. The Council continues to adapt houses and build special purpose bungalows so as to give greater convenience and comfort to the physically-handicapped.

During the year, car badges were issued to seven disabled drivers to enable them to obtain parking privileges.

WELFARE OF THE DEAF

This service is operated on an agency agreement with the Northumberland and Durham Mission to the Deaf and Dumb. Welfare Officers visit and look after the general welfare of registered persons. At the end of the year the number of persons registered as deaf or hard of hearing was 53, classified as follows:—

	M.	F.	Total
Under 16 years	3	3	6
16-64 years	21	20	41
65 years and over	2	4	6
	<hr/>	<hr/>	<hr/>
	26	27	53
	<hr/>	<hr/>	<hr/>

At the end of December 1966, two boys and three girls were attending residential schools for the deaf outside the county area.

SECTION V

SCHOOL HEALTH SERVICE

The number of children in schools at January, 1967, was 15,178, divided as follows:—

						Number	Children on Roll
Nursery	..	..	..	..	..	1	40
Primary	..	..	..	..	..	43	10055
Secondary Modern						13	3811
Grammar	..	..	..	..	..	2	1151
Special (Day School for Educationally Sub-normal)						1	121
						—	—
						60	15178
						—	—

MEDICAL INSPECTIONS

Routine inspections are carried out in three groups:—

Entrants

Ten plus

Last year of compulsory education.

Visits are also paid to Easington Junior Training Centre, Horden Day Special School and Wingate Nursery School.

The issue of Forms 10bM, the supplementary record to be held in schools, was extended to include Junior as well as Infant Schools.

The number of children inspected was 2,964 of which 114 were 'specials'.

597 re-inspections were also carried out.

This is a reduction of approximately one quarter as compared to 1965, and was mainly due to staff illness.

The percentage of children whose physical condition was found to be unsatisfactory was 1.05%.

Pupils found to require treatment at Periodic Medical Inspections (excluding Dental Diseases and Infestation with Vermin).

Age Groups Inspected (By year of birth)	For defective vision (excluding squint)	For any of the other conditions recorded in part II	Total Individual Pupils
1962 & later	—	2	2
1961	16	62	70
1960	43	92	120
1959	10	20	27
1958	7	8	13
1957	9	27	31
1956	23	31	47
1955	110	86	176
1954	69	73	126
1953	10	14	21
1952	52	43	86
1951 & earlier	49	47	85
TOTAL ..	398	505	804

**DEFECTS FOUND AT MEDICAL INSPECTION DURING
THE YEAR**

Defect or Disease	Periodic Inspections							
	Entrants		Leavers		Others		Total	
	(T)	(O)	(T)	(O)	(T)	(O)	(T)	(O)
Skin	16	18	24	6	26	19	66	43
Eyes—								
(a) Vision	70	49	105	14	223	73	398	136
(b) Squint	46	5	6	1	42	5	94	11
(c) Other	2	—	2	1	17	2	21	3
Ears—								
(a) Hearing	13	19	4	6	16	22	33	47
(b) Otitis Media	1	20	4	12	6	16	11	48
(c) Other	1	2	—	1	4	4	5	7
Nose and Throat	47	105	13	22	39	103	99	230
Speech	10	18	—	1	3	6	13	25
Lymphatic Glands	1	49	—	2	—	38	1	89
Heart	5	20	3	7	6	25	14	52
Lungs	13	31	5	11	13	21	31	63
Developmental—								
(a) Hernia	2	4	1	1	1	1	4	6
(b) Other	2	14	—	1	6	10	8	25
Orthopaedic—								
(a) Posture	—	—	1	—	1	1	2	1
(b) Feet	11	6	4	4	6	15	21	25
(c) Other	6	4	9	6	13	11	28	21
Nervous System—								
(a) Epilepsy	6	4	5	—	3	2	14	6
(b) Other	3	10	3	1	9	12	15	23
Psychological—								
(a) Development	3	7	2	3	9	12	14	22
(b) Stability	2	6	3	—	5	3	10	9
Abdomen	4	4	2	2	9	28	15	34
Other	3	11	17	—	28	21	48	32

(T) Number of pupils found to need treatment.

(O) Number of pupils found to need observation.

SPECIAL INSPECTIONS

Defect or Disease	Special Inspections		
	Pupils requiring Treatment	Pupils requiring Observation	
Skin	4	3	
Eyes—			
(a) Vision	25	8	
(b) Squint	10	1	
(c) Other	—	1	
Ears—			
(a) Hearing	6	6	
(b) Otitis Media ..	2	2	
(c) Other	1	—	
Nose and Throat	8	10	
Speech	3	10	
Lymphatic Glands	—	6	
Heart	3	3	
Lungs	3	8	
Developmental—			
(a) Hernia	—	1	
(b) Other	1	—	
Orthopaedic—			
(a) Posture	—	—	
(b) Feet	—	3	
(c) Other	7	1	
Nervous System—			
(a) Epilepsy	9	—	
(b) Other	2	1	
Psychological—			
(a) Development ..	20	4	
(b) Stability	2	4	
Abdomen	1	3	
Other	5	1	

PERMANENT SCHOOL CLINICS

Clinic	Sessions	Sessions
HORDEN Blackhills Road	Medical Officer Tues. (a.m.) Minor Ailments Tues. (a.m.) Building used by School Health Service only	Educational Psychologist By arrangement
MURTON Woods Terrace	Medical Officer Thur. (a.m.) Minor Ailments Thur. (a.m.) Dental Officer Tues. & Wed. Building used by Maternity and Child Welfare and School Health Service	Educational Psychologist— By arrangement Audiometrist— By arrangement
PETERLEE Fleming Place	Medical Officer Fri. Minor Ailments Fri. (a.m.) Dental Officer No. 1 Surgery Daily No. 2 Surgery Daily Building used by Maternity and Child Welfare and School Health Service	Speech Therapist—Mon., Thur., Fri. Educational Psychologist— By arrangement Audiometrist— By arrangement Ophthalmologist Fri. (a.m.)
WHEATLEY HILL School House, Front Street	Medical Officer Alt. Thursdays (p.m.) Minor Ailments Alt. Thursdays (p.m.) Building used by Maternity and Child Welfare and School Health Service	Educational Psychologist By arrangement
WINGATE 'Oaklea', Fir Tree	Medical Officer alt. Mon. (a.m.) Minor Ailments alt. Mon. (a.m.) Dental Officer Mon. Thur. Fri. Ophthalmologist Wed. (a.m.) Building used by Maternity and Child Welfare and School Health Service	Speech Therapist Wednesday Educational Psychologist— By arrangement Audiometrist— By arrangement

**Analysis of Cases examined at the School Clinics during
the year 1966**

Defect or Disease	No. of cases	No. Exam.
1. Cleanliness	—	—
2. Infestation – Head	9	39
Body	—	—
3. Teeth	9	9
4. Skin (a) Ringworm of Scalp ..	—	—
(b) Ringworm of Body ..	—	—
(c) Other	21	28
5. Eyes (a) Vision	30	35
(b) Squint	4	4
(c) Other	9	12
6. Ears (a) Hearing	23	34
(b) Otitis Media—R ..	3	4
—L ..	1	1
(c) Other	3	7
7. Nose and throat	26	61
8. Speech	3	4
9. Lymphatic Glands	2	3
10. Heart and Circulation	5	8
11. Lungs	15	30
12. Development (a) Hernia ..	—	—
(b) Other	1	2
13. Orthopaedic (a) Posture ..	—	—
(b) Feet	3	4
(c) Other	9	13
14. Nervous System (a) Epilepsy ..	3	7
(b) Other	5	13
15. Psychological (a) Development ..	8	12
(b) Stability ..	27	70
16. General Debility	38	89
17. Abdomen	13	31
18. Other Defects	56	87
19. No. appreciable Defect or Disease	2	2
 TOTALS	328	609

A full day clinic is held once a quarter in conjunction with Mr. L. C. Smith, Organiser for Deaf Education, when children who wear hearing aids are reviewed. The older of the pre-school children, referred by the Chief Nursing Officer as having possible hearing defects, are also seen at this clinic.

Other Facilities for Medical Treatment

VISION TESTING

A weekly session is held by Mr. J. Frankenthal at Peterlee and Mr. Claud Sharp at Wingate. Where necessary, cases are referred to Sunderland Eye Infirmary for orthoptic treatment. 621 children were tested at the clinics during the year.

Head Teachers are informed as to whether or not glasses are prescribed for the children.

AUDIOMETRIC TESTING

(a) In Clinics:—

371 full audiometric tests were performed.

41 of these were on children referred for educational subnormality.

65 children were referred for treatment..

160 had some hearing loss and were listed for review.

147 required no further action.

2 were recommended for a partially hearing unit.

In addition 14 pre-school children attended for audiometric testing.

(b) Sweep testing in schools:—

This was resumed in June when the allocation of audiometrist's time was increased from 2 to 8 days.

Number of Infant Schools visited	..	..	..	7
Number of pupils tested	..	..	..	1,421
Number referred to clinic for further audiometry	..			182
			i.e. 12.1%	

CHILD GUIDANCE

15 children were referred to the Durham Child Guidance Centre.

1 of these was recommended for an approved school, and 5 for placement in a school for Maladjusted children.

As from 23rd November, 1966 a Child Guidance Session has been held weekly at Peterlee Health Centre by Dr. E. Bruce. It is hoped that, now that they are not being asked to travel so far, there will be increased co-operation from parents; particularly in those cases where the original referral was at the request of the school.

SPEECH THERAPY

Owing to the resignation of the Speech Therapist the appended table refers only to January to April inclusive.

	Boys	Girls	Total
No. of children on register in January, 1966..	71	23	94
No. of new cases admitted for treatment ..	12	4	16
No. of cases discharged	31	16	47
No. of cases transferred	1	—	1

TYPES OF SPEECH DEFECT TREATED:						Boys	Girls	Total
Stammer	..	..	..	..	..	7	—	7
Dyslalia	..	..	..	..	..	23	15	38
Cleft Palate	..	..	..	..	..	—	1	1
Others	..	..	..	..	..	1	—	1
No. of children having received treatment throughout the year				..	..	31	16	47

Although the post has been advertised on several occasions there have been no applicants.

The lack of this service is a great educational drawback, in particular to the stammerers and the infants with poor speech development.

OTHER EXAMINATIONS

Physically and mentally handicapped children are ascertained either at clinics or, where necessary, at home.

The following figures show the distribution of handicapped children in the various categories.

Blind	..	..	..	..	..	..	4	(—)
Partially sighted	..	..	..	..	..	..	8	(3)
Deaf	..	..	..	..	..	..	6	(—)
Partially hearing	..	..	..	..	..	..	4	(1)
Physically handicapped	..	..	..	..	..	..	26	(18)
Delicate	..	..	..	..	..	..	19	(5)
Epileptic	..	..	..	..	..	..	1	(1)
Educationally sub-normal	..	..	..	..	..	..	149	(46)

The figures in brackets show the number of children examined or re-examined during the year.

39 children are placed in Special Schools (apart from schools for the Educationally Sub-normal.)

4 children attend partially hearing units.

86 children are attending special schools for E.S.N. children.

12 children have received Home Tuition during the year either on a permanent or short term basis.

13 children were provided with special transport for medical reasons.

10 children with hearing aids are attending ordinary schools.

At the end of the year 1 child was awaiting admission to a school for the Physically Handicapped and 2 children were waiting to be admitted to Schools for the Maladjusted.

Other examinations carried out at school clinics were as follows:—

For part-time employment while still attending school ..	4
College Entrants and Intending Teachers	135
Superannuation and Sick Pay cases	73

VACCINATION and IMMUNISATION

Heaf testing of school entrants and testing and B.C.G. vaccination of children in Secondary Modern Schools has been carried out by the Medical Officer of Health and his staff.

School Medical Officers gave 497 booster doses of diphtheria and/or tetanus vaccine to children who had been given a primary course in infants' schools in 1965.

In a further offer of immunisation to school entrants 703 booster doses and 536 primary immunisations of diphtheria and/or tetanus were given, also 154 full courses of poliomyelitis vaccine and 234 poliomyelitis boosters.

DENTAL SERVICES

The service was fully staffed with three full-time Dental Officers and three Dental Surgery Assistants up to the resignation of a Dental Officer on 23rd December, 1966.

Throughout the year there were two full-time surgeries working at Peterlee. The surgery at Wingate was worked full-time up to the end of August. With the opening of a dental surgery at Murton in September, on two days a week, the Wingate surgery was reduced to three days a week.

ATTENDANCES AND TREATMENT

		Ages 5 to 9	Ages 10 to 14	Ages 15 and over	Total
First Visit	1,572	1,452	258	3,282	
Subsequent Visits	819	1,610	294	2,723	
Total Visits	2,391	3,062	552	6,005	
Additional courses of treatment commenced	65	98	26	189	
Fillings in permanent teeth	1,246	3,400	804	5,450	
Fillings in deciduous teeth	908	35	—	943	
Permanent teeth filled ..	950	2,752	707	4,409	
Deciduous teeth filled ..	859	34	—	893	
Permanent teeth extracted	81	397	83	561	
Deciduous teeth extracted	2,095	620	—	2,715	
General anaesthetics ..	740	427	52	1,219	
Emergencies	29	26	5	60	

Number of pupils x-rayed	86
Prophylaxis	265
Teeth otherwise conserved	1,186
Number of teeth root filled	4
Inlays	2
Crowns	3
Courses of treatment completed ..	2,696

ORTHODONTICS

Cases remaining from previous year ..	61
New cases commenced during year ..	117
Cases completed during year ..	51
Cases discontinued during year ..	20
No. of removable appliances fitted ..	141
No. of fixed appliances fitted ..	—
Pupils referred to Hospital Consultant ..	27

PROSTHETICS

	5 to 9	10 to 14	15 and over	Total
Pupils supplied with F.U. or F.L. (first time) ..	—	—	—	—
Pupils supplied with other dentures (first time) ..	—	17	9	26
Number of dentures supplied	—	21	12	33

ANAESTHETICS

General Anaesthetics administered by Dental Officers	—
--	---

INSPECTIONS

(a) First inspection at school. Number of Pupils ..	3,412
(b) First inspection at clinic. Number of Pupils ..	501
Number of (a) & (b) found to require treatment	1,841
Number of (a) & (b) offered treatment	1,838
(c) Pupils re-inspected at school or clinic	7,252
Number of (c) found to require treatment ..	3,707

SESSIONS

Sessions devoted to treatment	1,294
Sessions devoted to inspection	84
Sessions devoted to Dental Health Education	—

NURSING AND HEALTH VISITOR SERVICES

CLEANLINESS INSPECTIONS IN SCHOOLS

The school nurses carried out the majority of the cleanliness inspections with some help from the Health Visitors.

537 visits were paid to schools the details being as follows:—

	No. Inspected	No. Unclean	No. Verminous
1st Inspection	8,929	58	6
1st Re-inspection	1,178	24	—
2nd Re-Inspection	905	12	—
3rd Re-Inspection	1,018	14	1
4th Re-Inspection	801	8	2
5th Re-Inspection	871	9	3
6th Re-Inspection	838	16	2
7th Re-Inspection	807	9	3
8th Re-Inspection	297	7	1
9th Re-Inspection	371	3	—
10th Re-Inspection	18	2	—

Following these inspections, 1,542 visits were paid to the children's homes.

The number of children found to be unclean has continued to decline as compared to previous years.

SECTION VI

SANITARY CIRCUMSTANCES OF THE AREA

REPORT OF THE SENIOR PUBLIC HEALTH INSPECTOR

To the Medical Officer of Health.

Sir,

I have pleasure in submitting a report of the work undertaken by the inspectors of this department during the year 1966.

You will observe from the details in the following pages that the work of the Inspectors was fully carried out. This has been made possible by the good team work of a full staff.

I am grateful for the assistance of my colleagues and the co-operation of the Chief Officers during the past year.

I am Sir,

Your obedient Servant,

R. E. V. WARRAND,

Senior Public Health Inspector.

WATER SUPPLY

Water undertakings supplying the District are:—

Sunderland and South Shields Water Company.

The National Coal Board.

Fifty samples of mains water were taken from public stand pipes or consumers' premises and submitted for bacteriological examination at the Public Health Laboratory, Sunderland. Two were inconclusive due to broken bottles, one was from a spring and two had unreasonable counts. The remainder proved satisfactory.

A typical analysis of a mains supply is as follows:—

CHEMICAL ANALYSIS	PARTS PER MILLION
Total Solids dried at 180°C	490
Chlorides	33
Temporary Hardness	286
Total Hardness	400
Nitrate as Nitrogen	2.8
Nitrite as Nitrogen	nil.
Free Ammonia	0.064
Albuminoid Ammonia	0.048
Oxygen absorbed from Permanganate, 3 hours at 37°C	0.2
Iron as Fe	0.1
pH	7.3

The above analysis relates to the water supplied from New Winning Pumping Station, but you will appreciate that the water supplied to the different parts of the Rural District varies considerably.

Further to the above, 14 samples were taken from the district swimming pools. With the exception of three, for which an explanation was found, the samples were satisfactory.

Particulars of the number of dwelling houses and the number of the population supplied from public water mains (a) direct to houses (b) by means of standpipes are given in the following table:—

LOCALITY	1 Estimated population	2 Area in acres	3 Number of houses and other premises with dwelling ac'm'dat'n	4 No. of Houses with mains supply direct to houses	5 No. of Houses with mains supply from standpipes
Burdon ..	87	1286	26		
Seaton with Slingley ..	490	1392	181	219	—
Warden Law ..	32	500	12		
Castle Eden ..	402	1546	167	167	—
Cold Hesledon ..	910	1150	306		
Dalton-lo-Dale ..	697	691	259	565	—
Easington ..	9481	3709	3156	3156	—
Haswell ..	2373				
South Hetton ..	2948	3767	1867	1867	—
Hutton Henry ..	367				
Station Town ..	1942	2012	814	814	—
Hawthorn ..	326	1413	129	129	—
Blackhall ..	6246				
Hesledens ..	1194	2654	2531	2531	—
Murton East ..	8396	1406	2856	2856	—
Sheraton with Hulam ..	107	2346	44		
Nesbitt ..	10	333	3	47	—
Shotton ..	5532	1421	1809	1809	—
Horden ..	11704	1302	3649	3649	—
Peterlee ..	18077	2007	5904	5904	—
Thornley ..	4163	1148	1440	1440	—
Wingate ..	3499				
Wheatley Hill ..	5468	4570	3724	3724	—
Trimdon ..	1649				
TOTALS ..	86100	34653	28877	28877	—

The following table shows the principal nuisances and defects dealt with during the year under the Public Health and Housing Acts:—

	No. of inspections	No. of Informal Notices served	No. of Statutory Notices served	Defects remedied after Notice
Housing:				
Public Health and Housing Acts ..	3807	126	13	90
Overcrowding	86	—	—	—
Sanitary Conveniences:				
Insufficient	—	—	—	—
Defective	53	11	1	6
Drainage	166	28	—	21
Water Supply	66	1	—	1
Food Premises	2684	24	3	8
Shops Act	20	—	—	—
Dairies	41	1	—	2
Slaughterhouses:				
Public	—	—	—	—
Private	2064	4	—	3
Tents, Vans, etc. ..	31	—	—	—
Offensive Trades ..	44	2	—	2
Factories & Workplaces	172	24	1	10
Keeping of Animals ..	9	2	—	2
Insanitary Ashpits and Receptacles	14	2	—	2
Offensive accumulations ..	31	6	—	3
Smoke Nuisances ..	26	2	—	2
Prevention of Damage by Pests Act, 1949 ..	2305	—	—	—
TOTALS ..	11619	233	18	152

SMOKE ABATEMENT

Advice has continued to be given on the installation of boiler plants as to the height of flues, etc.

CARAVAN SITES & CONTROL OF DEVELOPMENT ACT, 1960

The three sites used in the Crimdon area are subject to weekly visits, especially during the summer months.

VERMINOUS PREMISES

Ten Council houses and 14 private houses were disinfested of bed bugs. Accounts were rendered in the case of all privately owned dwellings to cover the cost of time and materials used.

In 140 cases of infestation of house property by cockroaches, etc. advice and active assistance were given.

INFECTIOUS DISEASE INVESTIGATION

356 visits to households were made during the year in respect of infectious diseases. Disinfection was carried out where necessary and in the case of Sonne dysentery, paratyphoid fever and food poisoning approximately 100 faecal specimens were taken for bacteriological examination. Newly appointed school meals attendants were checked against the possibility of bowel infection, and 204 specimens were submitted to the laboratory, all of which proved negative.

LICENSED PREMISES, CLUBS, ETC.

Twenty-seven inspections were carried out at licensed premises and clubs.

CINEMAS AND PUBLIC HALLS

Twelve inspections were made in respect of heating, lighting ventilation and sanitary accommodation. Two informal notices were served and complied with.

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

591 inspections were made and 288 informal notices served for infringements.

Quarterly returns for the above and notification of accidents are forwarded to the Factories Inspector.

ANIMAL BOARDING ESTABLISHMENTS

Regular visits were made to the premises registered in the area.

RODENT CONTROL

Two sewer maintenance treatments were carried out during the financial year at six-monthly intervals. The following particulars show that of the 316 manholes baited, 84 gave evidence of rat infestation:—

No. of Manholes Baited	...	...	...	316
No. of Manholes Baited showing part takes of poison bait	...	...	...	84
No. of Manholes Baited showing complete takes of poison bait	...	...	...	Nil

During the year inspection of 741 non-agricultural properties revealed rat infestation in 548 instances and mice infestation in 105. Of the 231 agricultural properties inspected, 56 were treated for rat infestation and 11 for mice.

MINISTRY OF AGRICULTURE, FISHERIES AND FOOD
ANNUAL REPORT ON RATS AND MICE

Prevention of damage by Pests Act, 1949

YEAR ENDED 31st DECEMBER, 1966

66

EASINGTON RURAL DISTRICT COUNCIL

COUNTY DURHAM

READ NOTES CAREFULLY BEFORE COMPLETING THIS FORM

**PROPERTIES
OTHER THAN SEWERS**

1. Number of properties in district
2. a Total number of properties (including nearby premises) inspected following notification
 - b Number infested by (i) Rats
Number infested by (ii) Mice
3. a Total number of properties inspected for rats and/or mice for reasons other than notification
 - b Number infested by (i) Rats
Number infested by (ii) Mice

		TYPE OF PROPERTY	
		NON-AGRICULTURAL	AGRICULTURAL
1.	Number of properties in district	33037	332
2. a	Number infested by (i) Rats Number infested by (ii) Mice	663 470 101	6 6 —
3. a	Number infested by (i) Rats Number infested by (ii) Mice	78 9 4	225 50 11

SEWERS

4. Were any sewers infested by rats during the year?

YES	NO
<input checked="" type="checkbox"/>	<input type="checkbox"/>

(tick as appropriate)

HOUSING

A total of 980 Council houses was inspected during the year either on the occasion of the house becoming vacant or prior to exchange. The general condition of the property was invariably reported and both the Surveyor and the Accountant informed of details of disrepair. A valuable opportunity is given under this system of inspection prior to exchanges being confirmed to recommend refusal where a house is observed to be wilfully neglected or verminous. Colliery property in one parish is also subject to this system. Two informal notice were served to "clean up" prior to exchange.

Eighty-six requests in respect of houses were investigated for overcrowding by the District Inspectors.

INSPECTIONS AND NOTICES UNDER THE HOUSING ACTS, 1936-64.

Number of visits and re-visits .. .	2393
Number of informal notices served .. .	40
Number of statutory notices served .. .	6
Number of notices complied with .. .	40

FACTORIES ACT, 1961

During the year 172 inspections of premises subject to the provisions of the above Act were made, principally in connection with sanitary accommodation, and in those factories where mechanical power is not employed to ensure adequate lighting, ventilation, heating, general cleanliness and prevention of overcrowding in workrooms.

24 informal notices and one formal notice to remedy defects were served, with satisfactory results in ten cases.

PART I OF THE ACT.1.—INSPECTIONS for purposes of provisions as to health
(including inspections made by Public Health Inspectors)

Premises (1)	Number on Register (2)	Number of		
		Inspections (3)	Written notices (4)	Occupiers prosecuted (5)
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	69	127	22	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	122	96	2	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises) ..	41	—	—	—
TOTAL	232	223	24	—

2.—Cases in which DEFECTS were found.

Particulars (1)	Number of cases in which defects were found			Number of cases in which prosecutions were instituted (6)
	Found (2)	Remedied (3)	Referred To H.M. Inspector (4)	
Want of cleanliness (S.1)	23	9	—	—
Overcrowding (S.2)	—	—	—	—
Unreasonable temperature (S.3) ..	—	—	—	—
Inadequate ventilation (S.4) ..	2	1	—	—
Ineffective drainage of floors (S.6) ..	—	—	—	—
Sanitary Conveniences (S.7)				9
(a) Insufficient	10	9	—	—
(b) Unsuitable or defective ..	13	13	—	—
(c) Not separate for sexes ..	—	—	—	—
Other offences against the Act (not including offences relating to Outwork)	—	—	—	—
TOTAL	48	32	—	9

PART VIII OF THE ACT

OUTWORK

(Sections 133 and 134)

Nature of Work (1)	Section 133		Section 134	
	No. of out-workers in August list required by Section 133 (1) (c) (2)	No. of cases of default in sending lists to the Council (3)	No. of prosecutions for failure to supply lists (4)	No. of instances of work in unwholesome premises (5)
Carding, etc. of buttons, etc.	8	—	—	—

SUPERVISION OF FOOD SUPPLIES

INSPECTION OF MEAT AND OTHER FOODS

MEAT

Private Slaughtering at the nine licensed slaughterhouses in the district proceeded smoothly.

Perusal of the following tables will show that 23,328 animals have been slaughtered, all of which were inspected, and that 2,107 stones of meat and edible offal were condemned. Part of this was collected by a recognised salvage firm from the Cleansing Department at Murton and some disposed of by incineration.

Charges for inspection of carcases passed for human consumption are still being made. A total of £1,290 was received for this service during the year.

OTHER FOODS

The inspectors of the department have continued to issue condemnation certificates in support of traders' claims against suppliers. These certificates are normally accepted without question by the suppliers.

During the year 263 stones of other foods were condemned, an increase of 33 stones on the figure of 230 for the year 1965.

	Cattle excluding Cows	Cows	Calves	Sheep	Pigs
Number Slaughtered	5000	49	15	12,448 plus 2 Casualties	5816
Whole Carcasses condemned . . . (T.B. only)	—	—	—	—	—
Carcasses of which some part or organ condemned (T.B. only)	1	—	—	—	6
Percentage of number inspected affected with T.B. . . . .	.02 %	—	—	—	.11 %
Carcasses condemned (All diseases and conditions excluding T.B.)	1	1	1	11	15
Carcasses of which some part or organ condemned. (All diseases and conditions excluding T.B.)	2033	1	1	575	6
Percentage of number inspected affected with disease or condition other than T.B.	40.31 %	13.33 %	4.71 %	—	.36 %

19 Bovine Carcasses and Offal affected with *Cysticercus Bovis* assigned to Cold Store.

Provisions, etc. Condemned as being unfit for Human Consumption during the year 1966

Cause of Unfitness	Provisions, Loose		Tinned/Bottled Foods sts. lbs.
	sts.	lbs.	
Brown Heart/Rotten	Pears Potatoes	40 40	0 0
Decomposition/Taint	Bacon and Ham Eggs (150)	4 1	6 $4\frac{3}{4}$
	Manufactured Meat Products		$12\frac{1}{2}$
	Sundries		$11\frac{1}{2}$
Mould	Cheese		$2\frac{1}{2}$
Decomposition due to Blown and damaged tins			38 Tins Fish Products 713 Tins Fruit 555 Tins Meat Products 113 Tins Milk 26 Tins Preserves 17 Tins Sundries 439 Tins Vegetables
			2 $3\frac{1}{4}$ 65 8 66 $13\frac{1}{4}$ 7 13 1 10 3 6 27 9
Broken Jars			4 Jars Preserves
			4

Carcases, Organs and Offal condemned as being unfit for Human Consumption during the year 1966.

	Carcases, etc.				Lungs (Sets)			Hearts			Kidneys			Livers			Heads and Tongues			Sets of Stomachs and Intestines			Fat			Udders			Spleen			Plucks			
	Beef	Veal	Mutton	Pork	Ox	Sheep	Pig	Ox	Sheep	Pig	Ox	Sheep	Pig	Ox	Sheep	Pig	Ox	Sheep	Pig	Ox	Sheep	Pig	Ox	Sheep	Pig	Cow	Ewe	Sow	Ox	Sheep	Pig	Ox	Sheep	Pig	
Abscesses		1			1	1		1	1		1	1		218		1	3		8	2		1	1		1			1		1	1	2	1		
Actinobacillosis																				11															
Actinomycosis																				2															
Ascariasis																				13															
Bacterial Necrosis																				1															
Bruising & Injury	1					1			1			1			1			1			3			1			1		1		1				
Cirrhosis																				874 + 1052															
Corynebacterium																				229															
Cystic Conditions						122			1												6														
Cysticercus Bovis									36	5										2		23			7										
Decomposition	1																															1			
Degeneration																																			
Distomatosis																				398															
Emaciation and/or Oedema			4	1		4	1		4	1		4	1		4	1		4	1		5	1		4	1			4	1	4	1				
Insufficient Bleeding			1c			1			1			1								1			1						1		1				
Jaundice			1																																
Mastitis																													1	3					
Metritis			1c			1			1			1								1			1						1		1				
Nephritis																				6															
Parasites																				12															
Pentastomes																				2															
Pericarditis..																																			
Peritonitis																																			
Pleurisy																				120															
Pneumonia																				20	69	136											44	84	
Pyaemia			1	9		1	7		1	7		1	7								1	7		1	7				1	7	1	7			
Pyelonephritis						1			1			1										1			1							1			
Pyrexia						1			1			1										1			1							1			
Septic Conditions			2	2		1	1		1	1		1	1								1	1		1	1			1	1	1	1	1			
Splenitis																																9			
Telangiectasis																					4														
Toxaemia						1			1			1										1			1							1		1	
Traumatism									1			1										1			1							1		1	
Tuberculosis																																			

MEAT SURRENDERED FOR OTHER REASONS

	sts.	lbs.
Beef	41	13
Pork	19	10
Mutton	11	4

"C" indicates Casualty Animal



Total weight of Meat and Edible Offal condemned	..	..	..	..	2,107	sts. 6 lbs.
Total weight of Tinned Foods, etc. condemned	..	..	..	..	263	sts. $5\frac{3}{4}$ lbs.
Total Weight ..		2,370 sts. $11\frac{3}{4}$ lbs.				

= 14 Tons 16 cwts. 2 st. $11\frac{3}{4}$ lbs.

Year ending 31st December	Weight of Meat and Other Foods Condemned			
	tons	cwts.	sts.	lbs.
1957	24 9 2 $6\frac{1}{2}$
1958	22 19 0 $7\frac{1}{4}$
1959	21 5 1 $12\frac{1}{4}$
1960	17 15 6 $8\frac{1}{4}$
1961	18 15 6 $13\frac{3}{4}$
1962	16 11 4 $1\frac{1}{4}$
1963	14 13 7 $9\frac{1}{4}$
1964	16 12 2 9
1965	11 3 5 $6\frac{3}{4}$
1966	14 16 2 $11\frac{3}{4}$

PUBLIC HEALTH (MEAT) REGULATIONS

In general the conveyances used for the transport of meat to the retail premises in the district were kept clean and well maintained.

SLAUGHTER OF ANIMALS ACT, 1958

All animals were stunned and slaughtered by competent licensed slaughtermen and all precautions taken to prevent any unnecessary suffering by the animals.

The number of licences issued during the year to persons authorising them to slaughter animals in a slaughterhouse or knackers yard was 38. This figure included three new licences issued during the year.

FOOD AND DRUGS ACT, 1955

In the rural district regular inspections continued to be made of all premises where food is prepared or stored for purposes of sale. Wherever it has been felt necessary, district public health inspectors have urged traders to provide refrigeration equipment.

The types of food premises registered, visited and subject to informal action during the year are detailed in the following table:—

Premises	Number Registered	Number of Inspections	Notices Served	Notices Complied With
Fish Shops	54	46	—	—
Butchers' Shops	62	63	2	1
Ice Cream Shops	199	172	4	1
Restaurants, etc.	Nil.	34	3	2
Other Food Prem.	Nil.	2064	4	3
TOTALS	315	2379	13	7

Ice-cream samples numbering 98 were submitted to the Public Health Laboratory, Sunderland for bacteriological examination. The villages at which the samples were collected and their grading are shown in table form. All ice-cream samples attaining grades one and two are regarding as satisfactory. The high standard in the district is still being maintained.

Year	No. of samples taken	No. satisfactory	Percentage satisfactory
1960	127	126	99%
1961	113	111	98%
1962	122	114	93%
1963	118	114	98%
1964	102	97	95%
1965	97	96	99%
1966	98	96	98%

(All samples submitted to Methylene Blue Reduction Test)

An additional four samples of ice-cream sold within the rural district were collected for fat analysis and examined by Mr. W. Gordon Carey, Public Analyst, Newcastle upon Tyne. All samples were found to be satisfactory.

Appropriate action has been taken under the Food Hygiene Regulations of the Act requiring occupiers of food premises to conform to the standards laid down.

MILK SAMPLING.

132 samples of raw and heat treated milk were taken for examination during 1966, with the following results:—

No. of Samples Taken	Methylene Blue Test		Phosphate Test		Turbidity Test		% Unsatisfactory
	Satisfactory	Unsatisfactory	Satisfactory	Unsatisfactory	Satisfactory	Unsatisfactory	
T.T. Milk	19	19	—	—	—	—	—
Pasteurised Milk	67	67	—	—	67	—	—
T.T. Pasteurised Milk	22	18	4	18.2	22	—	—
Sterilised Milk	24	1	—	—	1	—	23

MILK SUPPLY—SUPERVISION

Regular inspections of dairies have been carried out by the public health inspectors and any infringements of the Regulations have been reported to those concerned.

Milk samples submitted for examination during the year totalled 132 consisting of 19 samples of raw milk which were tested for keeping quality and cleanliness, and 113 samples of pasteurised and sterilised which were subjected to additional tests designed to establish the efficiency of heat treatment.

During the course of the year 124 inspections of distributors' premises were made.

HOUSING AND SEWERAGE

(CONTRIBUTED BY THE ENGINEER AND SURVEYOR)

HOUSING

The construction of new houses to accommodate families from Slum Clearance Areas in the Council's district has continued during the year, and a total of 195 houses have been completed and occupied.

Allowing for the demolition of prefabricated dwellings, etc., this brings the total number of houses owned by the Council to 8,245.

IMPROVEMENT PROGRAMMES

The scheme of minor improvements to 288 houses built in 1922 (started in September, 1964) has continued, and 87 houses were completed during the year, making a total of 180 houses being completed.

PRIVATE HOUSING DEVELOPMENT

The following houses have been built during the year by private enterprise:—

Hawthorn Parish	..	..	..	1
Murton Parish	..	..	..	1
Peterlee Parish	..	..	..	8
Seaton with Slingley Parish	..	..	..	1
Wingate Parish	..	..	..	1
				—
				12
				—

HOUSING MAINTENANCE

During the course of the year, 32,710 general repairs were completed to the 8,245 Council houses. This cost £163,084 6s. 1d. Repairs included roof and chimneys, brickwork, paths, ceilings, fireplaces, doors and windows, fences, taps, burst pipes and spouts etc.

SEWERAGE

Works of maintenance on all the Council's sewers have been satisfactorily carried out throughout the year. Approximately 1,500 stoppages, fractures, etc., were attended to.

HASWELL

It was reported in the previous Annual Report that severe flooding had been experienced in the Haswell Plough area. By constructing

312 yards of relief sewer, 12" diameter, and disconnecting 14 road gullies from the main sewer and discharging them to an existing 30" diameter surface water culvert, the complaint has been eliminated.

COLD HESLEDON

Sewage pollution was experienced in the East Moor Estate area of Cold Hesledon when a survey revealed a flat section and a backfall on the Haswell to the Sea Main Outfall Sewer. This was rectified by relaying 300 yards of 15" diameter sewer, part of which was laid in tunnel beneath the main approach road to the Estate.

DALTON-LE-DALE

Mining subsidence continues in the Dene Road area of Dalton-le-Dale, to such an extent that the main road between Dalton-le-Dale and Seaham Harbour is still closed. Work is proceeding on the diversion of the stream and part of the main road, together with the relaying of the Council's sewerage system. This work is being carried out by a Contractor on behalf of the National Coal Board. In the meantime the Council's cast-iron rising main from the Pumping Station, suffered fractures on three different occasions. In each instance these were immediately attended to.

'BUS SHELTERS

Twelve new 'bus shelters were erected in the area during the past year making a grand total of 197.

Vandalism continues rampant resulting in considerable number of repairs throughout the area.

PUBLIC CONVENIENCES

Two public conveniences were erected during the year at Wingate and Easington Colliery. One is in progress at Hesleden. The Town Centre Public Conveniences at Peterlee have had numerous setbacks due to labour problems, non-delivery of materials etc., but should be completed and open to the public within the next two months.

Vandalism was the cause of numerous repairs and in two instances public conveniences were closed for a temporary period of three months.

PUBLIC CLEANSING

(CONTRIBUTED BY THE CLEANSING SUPERINTENDENT)

COLLECTION OF HOUSEHOLD REFUSE

The work of the department has been satisfactorily carried out during the year and all complaints have received immediate attention. Most of the district, except for outlying farms, receiving a twice weekly collection. From 33,479 houses, and other buildings and dwellings in the district 2,725,328 collections were made. This represents an average of 52,416 collections weekly. Twenty-six vehicles travelled 275,444 miles using 49,290 gallons of petrol.

DISPOSAL AREAS

There is no tipping space in the Horden, Blackhall, Easington and Shotton areas. All refuse from these areas is being disposed of at the Durham Road refuse tip at Wheatley Hill. Although occasional fires occurred, no great expense has been necessary to abate this nuisance.

DUST BINS

During the year 411 private dust bins have been sold, 580 supplied to Council House tenants, and 150 supplied to Crimdon Park.

PUBLIC CONVENIENCES

Conveniences in the district are cleansed daily and 'bus shelters receive regular attention by this department.

TRADE REFUSE

Trade refuse is collected during normal rounds and quarterly accounts submitted. The charge of 7d. per bin or its equivalent is in relation to the number of bins or quantity. The revenue from this service was £1,506.

SALVAGE

179 tons of waste paper was sold to the Thames Board Paper Mills for £1,701. Other materials salvaged included 15 tons of other scrap materials. The total salvage revenue amounting to £1,862.

May I take this opportunity of thanking all Officials and Staff for their help and co-operation during the year.

William Barlow & Son, Ltd.,
Hartlepool and London
